

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1177	collect\$4 with (experimental near2 data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:00
L2	20	(collect\$4 with (experimental near2 data) same (image with data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:02
L3	16	((save or saving or store or storing) with (experimental near2 data) same (image with data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:02
L4	34	(collect\$4 with (experimental near2 data) same (image with data)) or ((save or saving or store or storing) with (experimental near2 data) same (image with data))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:05
L5	1	calculat\$4 near ("sub-container" with (summary near2 data))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:05
L6	2	("sub-container" with (summary near2 data))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:05
L7	2	("sub-container" same (summary near2 data))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:05

EAST Search History

L8	30	(collect\$4 with (experimental near2 data) same (image with data)) or ((save or saving or store or storing) with (experimental near2 data) same (image with data)) and ((biological or biochemical or molecular or "cell-based"))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:07
L9	20	(collect\$4 with (experimental near2 data) same (image with data)) or ((save or saving or store or storing) with (experimental near2 data) same (image with data)) and ((biological or biochemical or molecular or "cell-based") with array\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:07
L10	20	(collect\$4 with (experimental near2 data) same (image with data)) or ((save or saving or store or storing) with (experimental near2 data) same (image with data)) and ((biological or biochemical or molecular or "cell-based") with array\$1) and sub-container	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:08
L11	20	(collect\$4 with (experimental near2 data) same (image with data)) or ((save or saving or store or storing) with (experimental near2 data) same (image with data)) and ((biological or biochemical or molecular or "cell-based") with array\$1) and sub-container and specimen	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:08
L12	20	(collect\$4 with (experimental near2 data) same (image with data)) or ((save or saving or store or storing) with (experimental near2 data) same (image with data)) and ((biological or biochemical or molecular or "cell-based") with array\$1) and sub-container and specimen and (automatical\$2 with extract\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:09
L13	20	(collect\$4 with (experimental near2 data) same (image with data)) or ((save or saving or store or storing) with (experimental near2 data) same (image with data)) and ((biological or biochemical or molecular or "cell-based") with array\$1) and sub-container and specimen and (automatical\$2 with extract\$5) and (summary with data)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:10

EAST Search History

L14	20	(collect\$4 with (experimental near2 data) same (image with data)) or ((save or saving or store or storing) with (experimental near2 data) same (image with data)) and ((biological or biochemical or molecular or "cell-based") with array\$1) and sub-container and specimen and (automatical\$2 with extract\$5) and (summary with data) and "feature data"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/15 15:10
-----	----	--	--	----	----	------------------



Welcome United States Patent and Trademark Office

☐ Search Session History

[BROWSE](#)

[SEARCH](#)

[IEEE XPLORE GUIDE](#)

[SUPPORT](#)

Sat, 15 Sep 2007, 4:13:05 PM EST

Search Query Display

Edit an existing query or compose a new query in the Search Query Display.

Select a search number (#) to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Recent Search Queries

Res.

- | | | |
|-----|--|---|
| #1 | ((collect store experimental data)<in>metadata) | |
| #2 | ((collecting experimental data)<in>metadata) | |
| #3 | (((collecting experimental data)<in>metadata)<AND>((collecting experimental data)<in>metadata) and biological specimen) | |
| #4 | ((collecting experimental data)<in>metadata) | |
| #5 | ((collecting experimental data)<in>metadata) | |
| #6 | ((collect* and experimental and data)<in>metadata) | 1 |
| #7 | (((collect* and experimental and data)<in>metadata)<AND>((collect* and experimental and data)<in>metadata) and image) | |
| #8 | ((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image)<AND>(((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image) and sub-container) | |
| #9 | (((collect* and experimental and data)<in>metadata)<AND>((collect* and experimental and data)<in>metadata) and image) | |
| #10 | ((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image)<AND>(((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image) and summary) | |
| #11 | (((((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image))<and>(((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image) and summary)<AND>((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image)<and>(((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image) and summary) and sub-container) | |
| #12 | ((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image)<AND>(((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image) and summary) | |
| #13 | (((((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image))<and>(((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image) and summary)<AND>((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image)<and>(((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image) and summary) and container) | |
| #14 | ((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image)<AND>(((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image) and summary) | |

#15
(((((((collect* and experimental and data)<in>metadata))<and>((collect* and experimental and data)<in>metadata) and image))<and>((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image) and summary))<AND>((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image))<and>((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image) and summary) and array)

#16
(((((((collect* and experimental and data)<in>metadata))<and>((collect* and experimental and data)<in>metadata) and image))<and>((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image) and summary))<AND>((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image))<and>((((collect* and experimental and data)<in>metadata)<and>((collect* and experimental and data)<in>metadata) and image) and summary) and array)



[□ Search Result - Print Format](#)[< Back to Previous Page](#)

Key: IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEE CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Digital image-processing activities in remote sensing for earth resources**
Nagy, G.;
Proceedings of the IEEE
Volume 60, Issue 10, Oct. 1972 Page(s):1177 - 1200
IEEE JNL
2. **Model-based automatic target recognition (ATR) system for forwardlooking groundbased and airborne imaging laser radars (LADAR)**
Verly, J.G.; Delanoy, R.L.;
Proceedings of the IEEE
Volume 84, Issue 2, Feb. 1996 Page(s):126 - 163
IEEE JNL
3. **Analysis of shallow-water experimental acoustic data including a comparison with a broad-band normal-mode-propagation model**
Simons, D.G.; McHugh, R.; Snellen, M.; McCormick, N.H.; Lawson, E.A.;
Oceanic Engineering, IEEE Journal of
Volume 26, Issue 3, July 2001 Page(s):308 - 323
IEEE JNL
4. **Two-stage hierarchical video summary extraction to match low-level user browsing preferences**
Ferman, A.M.; Tekalp, A.M.;
Multimedia, IEEE Transactions on
Volume 5, Issue 2, June 2003 Page(s):244 - 256
IEEE JNL
5. **Scanning for extinct astrobiological residues and current habitats (SEARCH)**
Dieter, W.R.; Lodder, R.A.; Lumpp, J.E.;
Aerospace, 2005 IEEE Conference
5-12 March 2005 Page(s):234 - 245
IEEE CNF
6. **Dimensionality reduction and classification of hyperspectral image data using sequences of extended morphological transformations**
Plaza, A.; Martinez, P.; Plaza, J.; Perez, R.;
Geoscience and Remote Sensing, IEEE Transactions on
Volume 43, Issue 3, Mar 2005 Page(s):466 - 479
IEEE JNL
7. **Phase aberration correction using near-field signal redundancy. II. Experimental results.**
Yue Li; Robinson, D.; Carpenter, D.;
Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on
Volume 44, Issue 2, March 1997 Page(s):372 - 379
IEEE JNL
8. **Recognition technology for the detection of buried land mines**
Gader, P.D.; Keller, J.M.; Nelson, B.N.;
Fuzzy Systems, IEEE Transactions on
Volume 9, Issue 1, Feb 2001 Page(s):31 - 43
IEEE JNL
9. **A compiler-based approach for dynamically managing scratch-pad memories in embedded systems**
Kandemir, M.; Ramanuham, J.; Irwin, M.J.; Vijaykrishnan, N.; Kadayif, I.; Parikh, A.;
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on

Volume 23, Issue 2, Feb. 2004 Page(s):243 - 260

IEEE JNL

10. **X-band experimental airborne radar - Phase II: synthetic aperture radar and ground moving target indication**
A. Damini; B. Balaji; G. Haslam; M. Goulding;
Radar, Sonar and Navigation, IEE Proceedings -
Volume 153, Issue 2, 13 April 2006 Page(s):144 - 151
IEEE JNL
11. **Annular-ring CMUT arrays for forward-looking IVUS: transducer characterization and imaging**
Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on
Volume 53, Issue 2, Feb. 2006 Page(s):474 - 482
IEEE JNL
12. **Invariant subpixel material detection in hyperspectral imagery**
Thai, B.; Healey, G.;
Geoscience and Remote Sensing, IEEE Transactions on
Volume 40, Issue 3, March 2002 Page(s):599 - 608
IEEE JNL
13. **Calibration of a synthetic aperture radiometer**
Tanner, A.B.; Swift, C.T.;
Geoscience and Remote Sensing, IEEE Transactions on
Volume 31, Issue 1, Jan. 1993 Page(s):257 - 267
IEEE JNL
14. **Underwater acoustic communications using time reversal**
Edelmann, G.F.; Song, H.C.; Kim, S.; Hodgkiss, W.S.; Kuperman, W.A.; Akal, T.;
Oceanic Engineering, IEEE Journal of
Volume 30, Issue 4, Oct. 2005 Page(s):852 - 864
IEEE JNL
15. **Adaptive Imaging for forward-looking ground penetrating radar**
Yanwei Wang; Yijun Sun; Jian Li; Stoica, P.;
Aerospace and Electronic Systems, IEEE Transactions on
Volume 41, Issue 3, July 2005 Page(s):922 - 936
IEEE JNL
16. **Map data processing in geographic information systems**
Kasturi, R.; Fernandez, R.; Amlani, M.L.; Feng, W.-C.;
Computer
Volume 22, Issue 12, Dec. 1989 Page(s):10 - 21
IEEE JNL
17. **Performance comparison of high resolution bearing estimation algorithms using simulated and sea test data**
Steele, A.K.; Byrne, C.L.; Riley, J.L.; Swift, M.;
Oceanic Engineering, IEEE Journal of
Volume 18, Issue 4, Oct. 1993 Page(s):438 - 446
IEEE JNL
18. **Application of a maximum likelihood estimator in an experimental study in ultrasonic diffraction tomography**
Tshirintzis, G.A.; Devaney, A.J.;
Medical Imaging, IEEE Transactions on
Volume 12, Issue 3, Sept. 1993 Page(s):545 - 554
IEEE JNL
19. **A total-field magnetometer system for location and identification of compact ferrous objects**
McFee, J.E.; Ellingson, R.O.; Das, Y.;
Instrumentation and Measurement, IEEE Transactions on
Volume 43, Issue 4, Aug. 1994 Page(s):613 - 619

IEEE JNL

20. Power lines: radar measurements and detection algorithm for polarimetric SAR images

Sarabandi, K.; Pierce, L.; Oh, Y.; Ulaby, F.T.;
Aerospace and Electronic Systems, IEEE Transactions on
Volume 30, Issue 2, April 1994 Page(s):632 - 643

IEEE JNL

21. A skeleton and neural network-based approach for identifying cosmetic surface flaws

Wang, C.; Cannon, D.J.; Kumara, S.R.T.; Guowen Lu;
Neural Networks, IEEE Transactions on
Volume 6, Issue 5, Sept. 1995 Page(s):1201 - 1211

IEEE JNL

22. Using statistically designed experiments to improve reliability and to achieve robust reliability

Hamada, M.;
Reliability, IEEE Transactions on
Volume 44, Issue 2, June 1995 Page(s):206 - 215

IEEE JNL

23. Modular learning strategy for signal detection in a nonstationary environment

Haykin, S.; Bhattacharya, T.K.;
Signal Processing, IEEE Transactions on [see also Acoustics, Speech, and Signal Processing, IEEE Transactions on]
Volume 45, Issue 6, June 1997 Page(s):1619 - 1637

IEEE JNL

24. A reconstruction algorithm for electrical impedance tomography data collected on rectangular electrode arrays

Mueller, J.L.; Isaacson, D.; Newell, J.C.;
Biomedical Engineering, IEEE Transactions on
Volume 46, Issue 11, Nov. 1999 Page(s):1379 - 1386

IEEE JNL

25. Small element array algorithm for correcting phase aberrations using near-field signal redundancy. Part II: Experimental results

Li, Y.; Robinson, B.;
Ultrasonics, Ferroelectrics and Frequency Control, IEEE Transactions on
Volume 47, Issue 1, Jan. 2000 Page(s):49 - 57

IEEE JNL

Google

collecting biological experimental data storing

Search

[Advanced Search](#)

[Preferences](#)

New! [View and manage your web history](#)

Web Results 1 - 6 of 6 for **collecting biological experimental data storing image calculating sub-container summary da**

Tip: Save time by hitting the return key instead of clicking on "search"

Method and system for efficient collection and storage of ...

A method of **storing experimental data** on a computer system, comprising the steps of:

collecting a plurality of **image data** and a plurality of **feature data** ...

www.freepatentsonline.com/20040139103.html - 114k - [Cached](#) - [Similar pages](#)

Methods and system for efficient collection and storage of ...

(e) **storing** the plurality of **feature data** in the database, (f) **calculating** a plurality of **sub-container summary data** using the plurality of **image data** and ...

www.freepatentsonline.com/EP1533720.html - 98k - [Cached](#) - [Similar pages](#)

[PDF] **Novell OES SP2 Planning and Implementation Guide**

File Format: PDF/Adobe Acrobat

Category/**Feature**. Description. Link. Compression. Conserve disk space and increase the amount of **data** a volume can **store**. "Managing Compression on NSS ...

www.djack.com.pl/modules.php?name=Top10&d_op=getit&lid=139 - [Similar pages](#)

tall blonds foamites addiction from painkiller recover www jambase ...

php sessions in a multiserver environment by **storing** them in a database tuscan **data**

loggers aquarum of the pacific the swiss family robinson **summary** ...

c.jmbt.cn/nkw.html - [Similar pages](#)

toucan eurolite ng62615gr neon tube, green, 15-inch kia sorento ...

... ky broadalbin perth csd how windows validates **data** integrity kuni albert continuing education hyundai **sub container** international manila map port ...

dfmb.ubyqp.cn/xbet.html - [Similar pages](#)

[PDF] **ORDINARY MEETING OF COUNCIL**

File Format: PDF/Adobe Acrobat

\$340000 arising from the alteration in the method of **calculating** Could staff please advise the date for the downloading of new **data** from Buttonderry ...

www.wyong.nsw.gov.au/about/pdf_meet_business_papers/buspaperjune27.pdf -

[Similar pages](#)

Try [Google Desktop](#): search your computer as easily as you search the web.

collecting biological experimental da

Search

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

[Login](#) or [Create Free Account](#)

Search

[Go to Advanced Search](#)[Home](#) | [Search Patents](#) | [Data Services](#) | [Help](#)

Title:

Method and system for efficient collection and storage of experimental data

Document Type and Number:

United States Patent 20040139103

Kind Code:

A1

Link to this page:

<http://www.freepatentsonline.com/20040139103.html>

Abstract:

Methods and system for efficient collection and storage of experimental data. These methods and system allow experimental data from high-throughput, feature-rich data collection systems, such as high-throughput cell data collection systems to be efficiently collected, stored, managed and displayed. The methods and system can be used, for example, for storing managing and displaying cell image data and cell feature data collected from microplates including multiple wells and a variety of bio-chips in which an experimental compound has been applied to a population of cells. The methods and system provide a flexible and scalable repository of experimental data including multiple databases at multiple locations including pass-through databases that can be easily managed and allows cell data to be analyzed, manipulated and archived. The methods and system may improve the identification, selection, validation and screening of new drug compounds that have been applied to populations of cells. The methods and system can also be used to provide new bioinformatic techniques to manipulate experimental data including multiple digital photographic images.